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TO: Commissioner for Patents  
Attn: Examiner Lee  
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Alexandria, VA 22313-1450

FROM: Iain A. McIntyre  
OUR REF: 1010.8076U1

FAX NUMBER 703.872.9306

\* Please deliver to Examiner Lee in Art Unit 2877. \*

Document(s) Transmitted: Amendment and Response Under 37 C.F.R. §1.11

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In re. Patent Application of: X. HAN et al.

Examiner: Hwa S. Lee

Serial No.: 10/010,646

Group Art Unit: 2877

Filed: November 13, 2001

Docket No.: 1010.8076U1

Title: Birefringent Mach-Zehnder Interferometer

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By: Iain A. McIntyre  
Name: Iain A. McIntyre  
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Serial No. 10/010,646

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: X. HAN et al. Examiner: Hwa S. Lee  
Serial No.: 10/010,646 Group Art Unit: 2877  
Filed: Nov. 13, 2001 Docket No.: 1010.8076U1  
Title: BIREFRINGENT MACH-ZEHNDER INTERFEROMETER

CERTIFICATE UNDER 37 C.F.R. 1.8: The undersigned hereby certifies that this paper is being transmitted to the U.S. Patent and Trademark Office via facsimile on January 27, 2005.

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Signature

AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.111

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is submitted in response to the Office Action dated October 28, 2004, setting a three month shortened statutory period for response.

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Docket Number: 1010.8076U1  
2<sup>nd</sup> Office Action Response